

**Requirement: Establish a procedure for collecting and verifying installment payments.**

The collection and verification of installment payments will be completely supported by our Billing System. All payments, including installment payments, will be recorded in the Billing System, which will, in turn, calculate the remaining amount due.

**Requirement: Develop a Procedure for collecting, disbursing, and accounting for variances in fund availability.**

We will develop procedures for collecting, disbursing, and accounting for variances in fund availability. However, this concern is virtually eliminated if the NANPA and the Billing and Collection Agency functions are performed by the same company. If these functions are performed separately, then the NANPA contractor will want its monthly payment regardless of the amount contained in the fund, and the Billing and Collection Agent will have to address any shortfalls in the fund.

**Requirement: Implement the Billing and Collection Agency function within 90 days of being selected.**

As required, we will implement the Billing and Collection function within 90 days of being selected by the appropriate governing body/contracting entity.



**Requirement:** Collect funds for the payments to the new NANPA for performing functions assigned to it and payments to the Billing and Collection Agent to perform the functions assigned to it.

[REDACTED] will collect all funds for NANPA functions, billing and collection operations, and enterprise services. As required, the fees associated with enterprise services will be accounted for and collected separately. Once again, having one company acting as both the NANPA and Billing and Collection Agent greatly simplifies and streamlines this activity. If issues arise surrounding the payments for NANPA or enterprise services, the carriers will have to call only one company.

**Requirement:** Distribute funds to the new NANPA on a monthly basis for performing the NANPA functions.

As required, we will distribute funds to the new NANPA on a monthly basis. However, by being both the NANPA and the Billing and Collection Agent, the requirement means that we will be essentially disbursing funds to ourselves, greatly simplifying this task. This is one of the operational efficiencies to be gained by having one contractor serve as both the NANPA and the Billing and Collection Agent.

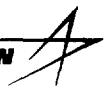


**Requirement:** File an annual report with the FCC and other national government authorities as appropriate which includes payments received and administrative and operating expenses associated with numbering administration paid out during the period covered by the annual report.

For many of our clients, Lockheed Martin produces an annual report that provides pertinent information regarding the status of their programs. As required, we will file an annual report with the FCC and other national government authorities. This report will identify the payments received and the charges associated with number administration that were received and paid out during the period covered by the annual report. Also, it may be useful to include payments not received during the period covered by the annual report. We will work with NANC and the FCC to define the exact information to be provided on the annual report.

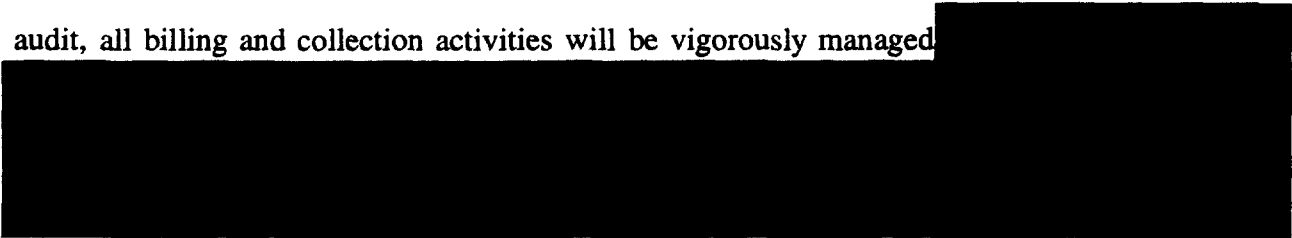
**Requirement:** Establish procedures and maintain records to ensure operational integrity.

As completely explained in Section 9.3, Security Requirements, detailed procedures will be in place to safeguard computer systems, data, and proprietary and competition-sensitive information. Procedures will include both physical security and site access as well as logical security and computer system access. User IDs and passwords will be mandated to protect payment and customer record information. Also, strict procedures will be in place to secure access to physical files and paper records.



**Requirement:** Obtain an audit from an independent auditor after the first year of operations and every two years thereafter.

As required, we will obtain an audit of billing and collection operations from an independent auditor after the first year of operations and every two years thereafter. Aside for this external audit, all billing and collection activities will be vigorously managed



## **8.5 Allocation Methodologies**

We have carefully read and understand the allocation methodologies to be used to recoup the costs associated with administering the NANPA and billing and collection activities. As the Billing and Collection Agent, we will use these methodologies to recoup NANP administration costs.

### **8.5.1 Sharing Costs Between Nations Participating in the NANP**

We understand that each nation will pay its fair share of the costs associated with administering the NANP. Initially, we understand that each nation's cost of administering the NANP will be based on their population. However, because some nations—Canada and countries in the Caribbean—have entities that perform NANPA-like duties, their share of the total cost may be



lowered to reflect the applicable work level performed on their behalf by the new NANPA. We understand that the final cost allocation methodology has yet to be determined. We will bill each nation in accordance with the final cost allocation methodology provided by the NANC.

#### **8.5.2 U. S. Payments**

We will collect payments from all U.S. telecommunications carriers who provide telecommunications services using their own or other carriers' facilities. Payments will be assessed according to each carrier's reported proportionate share of gross international, interstate, and intrastate revenues less any payments made to other telecommunications carriers for telecommunications facilities and services ("net revenues"). Carriers will report their net revenues from the previous calendar year. [REDACTED] will collect payments from U.S. carriers in accordance with the requirements identified in the Requirements Document.

**Requirement: On an annual basis, serve each telecommunications carrier with a copy of the NANPA Worksheet.**

As required, we will serve all telecommunication carriers with a copy of the NANPA Worksheet each year. The NANPA Worksheet will be published in the Federal Register and will include the



following date fields: contributor name, gross telecommunications revenue, payments to other carriers, and net telecommunications revenue for the previous year.

**Requirement: Verify completeness and accuracy of Worksheet information at the discretion of the FCC, if required.**

Upon reception of each NANPA Worksheet, [REDACTED] will verify the completeness and accuracy of the information provided.

**Requirement: Calculate the payment factor and each individual telecommunications carrier's required payment and submit a bill to each telecommunications carrier for payment.**

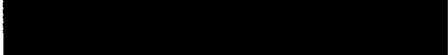
Based on the information provided on each carrier's NANPA Worksheet, our Billing System will calculate each telecommunications carrier's assessed amount of NANPA charges and render a bill to them for the amount due.

**Requirement: Examine and verify the data received from telecommunications carriers to ensure the accuracy and integrity of fund payments.**



To ensure accuracy of funds collected, we will examine each payment received and properly record each payment within the billing system.

**Requirement: Take all reasonable actions to ensure that all eligible entities are identified, billed and contribute to this fund.**

 will take reasonable steps to ensure that all eligible entities are identified, entered into the Billing System, rendered bills, and contribute to recouping the costs associated with administering the NANP.

**Requirement: Keep all data obtained from telecommunications carriers confidential and not use such data except for purposes of calculating, collecting and verifying payments.**

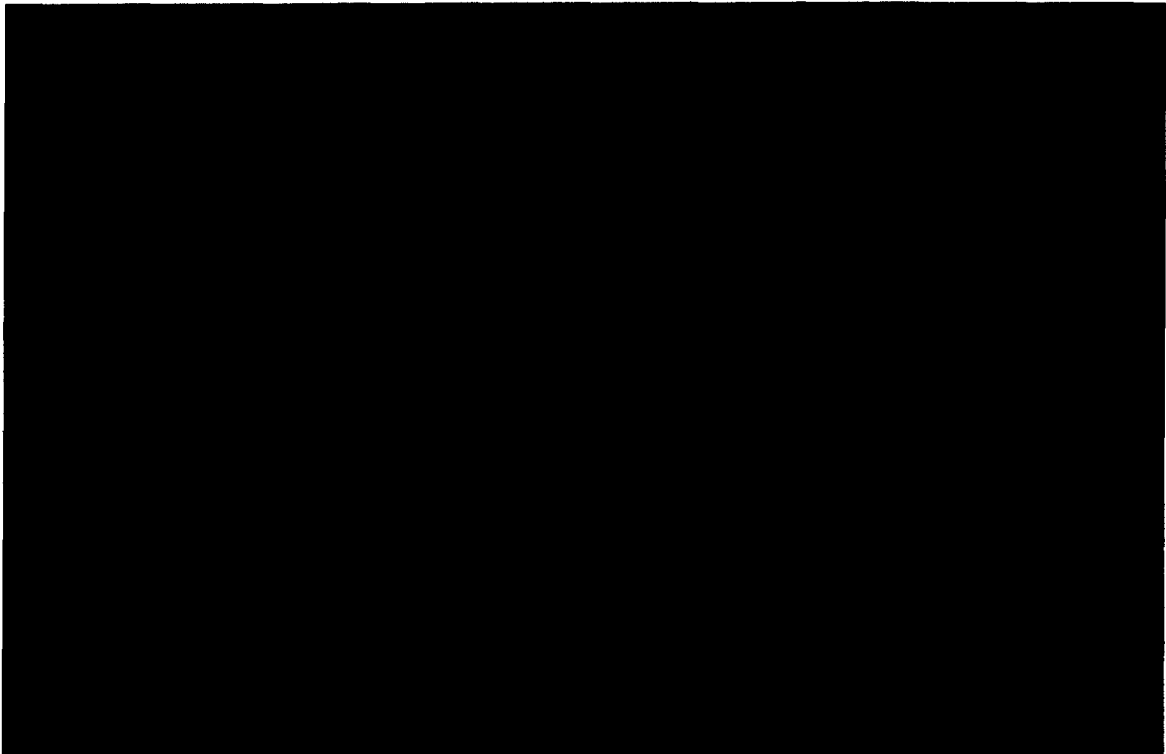
We will keep all data and information received from telecommunications carriers confidential and will only utilize such data to calculate, bill, collect and verify payments.



9.0 MISCELLANEOUS

HIGHLIGHTS

- 
- 
- 
- 
- 



- Secure NANPA Web Site for publishing NANPA information and reports

*We will operate the NANPA, including Billing and Collection Agent functionality,*

*[REDACTED] that includes an advanced telecommunications system and computing environment in order to provide high quality NANPA services.*





Lockheed Martin understands that a solid infrastructure—a secure facility, office furnishings and supplies, advanced telecommunications system and computing environment, and qualified staff—must be in place to provide high quality and effective NANPA and billing and collection operations. In addition, operational procedures must be in place to safeguard NANPA computing systems, information, and data. The remainder of Section 9.0 describes our proposed NANPA infrastructure, security procedures, staffing, and reporting requirements.

[REDACTED]

After careful consideration, Lockheed Martin has selected [REDACTED]

[REDACTED] facility for performing all NANPA and billing and collection functions.

[REDACTED]

[REDACTED] The risk of disruption due to power outages has been virtually eliminated through the combination of multiple power grids feeding the complex and an uninterruptible power supply (UPS). Further protection is provided by multiple fire detection and prevention systems; sensors that constantly monitor temperature, humidity, and electrical flow; video surveillance; and security guards 24-hours-a-day, 365-days-a-year.

[REDACTED]

- Dedicated solely to NANPA [REDACTED]
- [REDACTED] with secure access points
- Contiguous, [REDACTED]



- Equipped with sufficient backup power (backup power generators) to maintain operation through electrical outages.

[REDACTED]

Aside from its superior data center readiness, this facility is also designed to provide a comfortable and efficient working environment for NANPA staff, flexibility for staff growth, and additional requirements as they may develop.

[REDACTED]

*The NANPA will be configured with office equipment—desks, files, computers, copiers, and telephones—to provide a professional work environment.*

Code administration, support, and clerical personnel are being provided modular furniture units that provide a spacious and functional work area while maintaining an appealing appearance consistent with the rest of the facility. Furniture for the conference room and managers' offices is of a caliber consistent with the quality of professionalism required to meet with clients. The office design, which provides an orderly and functional work place with separate offices for managerial and professional personnel, meets all federal, state, and local building codes pertaining to work conditions.



[REDACTED]

Cardkey access readers will be provided to prevent unauthorized access to the NANPA facility. In addition, certain areas within the facility, such as the data center area, will be safeguarded using sophisticated handprint readers. Handprints are scanned and compared with a file of digitized prints of personnel authorized to enter the area. Problems normally associated with unauthorized use of lost, stolen, or duplicate keys, cards, and passwords are overcome with the handprint identification technology. This technology allows only personnel associated with the NANPA to access the quarters. All visitors to the NANPA offices will be required to sign in and sign out for entry and exit at the NANPA. This procedure ensures records of entry and exit at both the building and the NANPA office level. Additionally, a record of NANPA employee activity will be automatically recorded by the handprint card key identification devices.

All physical security systems record ALL access attempts. NANPA management personnel will review and evaluate on a regular basis both the illegal entry attempts and the overall security procedures.

[REDACTED]

For many of these clients, we have established new offices that provide back-office administrative services as well as services that require direct interfacing with the public. [REDACTED]

[REDACTED]

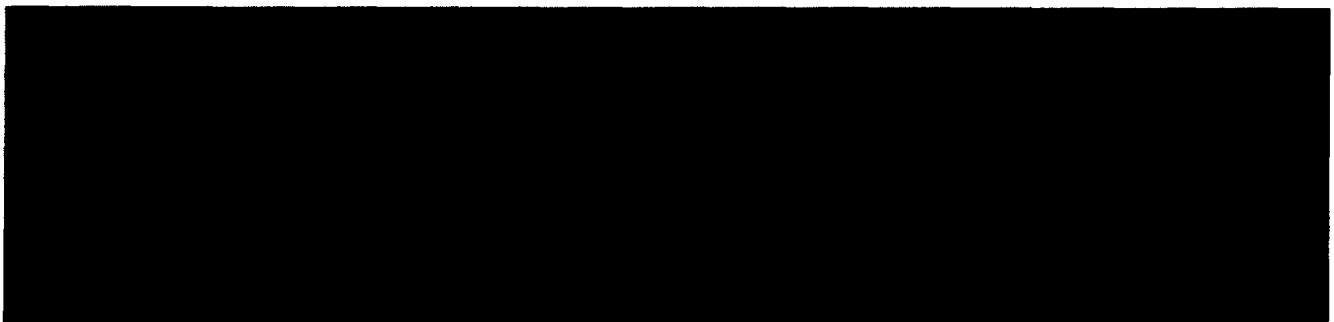




Simply put, we are experts in establishing new offices for back office and customer service operations.

We have designed an effective, straightforward office layout for the NANPA that provides an orderly and productive work environment. Management personnel will have private offices with desks and furnishings. Other employees will have dedicated work areas in the form of modular units. These units are rugged, contain storage and drawers, have a large work surface, and provide privacy. Each unit also accommodates a computer.

Employees within the same unit/group are located close to each other to facilitate communication and work flow. Also, each unit/group will have access to common filing, storage, shelf, and equipment space.



**9.1 Hours of Operation**

**Requirement:** Be available a minimum of five days a week, eight hours a day.

We will operate the NANPA, including the billing and collection function, weekdays [REDACTED]

[REDACTED] thus satisfying the five-day-a-week, eight-hour-a-day NANPA operational requirement.

**Requirement:** Provide a mechanism (e.g., voice mail, e-mail, facsimile) to be accessible on a 24-hour basis in order to meet the needs of the clients.

As described in Section 9.2, clients will be able to access the NANPA on a 24-hour basis.

[REDACTED]



**Requirement:** Respond within one business day to general inquiries or questions made outside the normal business hours.

During non-business hours, [REDACTED]

[REDACTED] we will respond to their message within the next business day.

## **9.2 Telecommunications Requirements**

### **Voice Communications**

*A feature-rich digital telephone system with individual telephone lines, direct inward dialing (DID), 24-hour hotline, voice messaging, automatic call distribution, call transferring, call waiting, and paging provides professional and efficient support of NANPA users.*

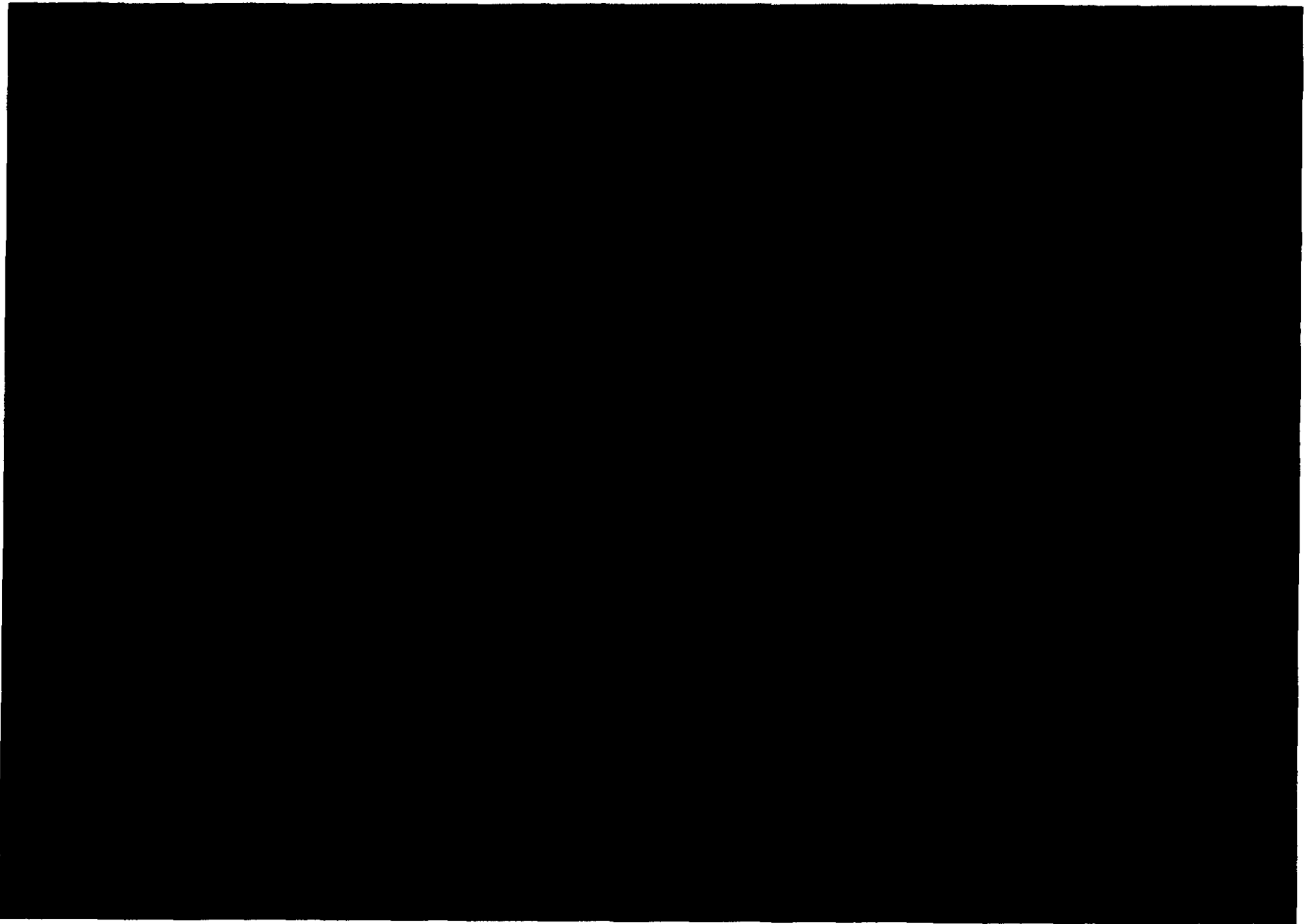
A high-quality telephone system with state-of-the-art features is required to assure the ability of that NANPA to respond to user inquiries. [REDACTED]

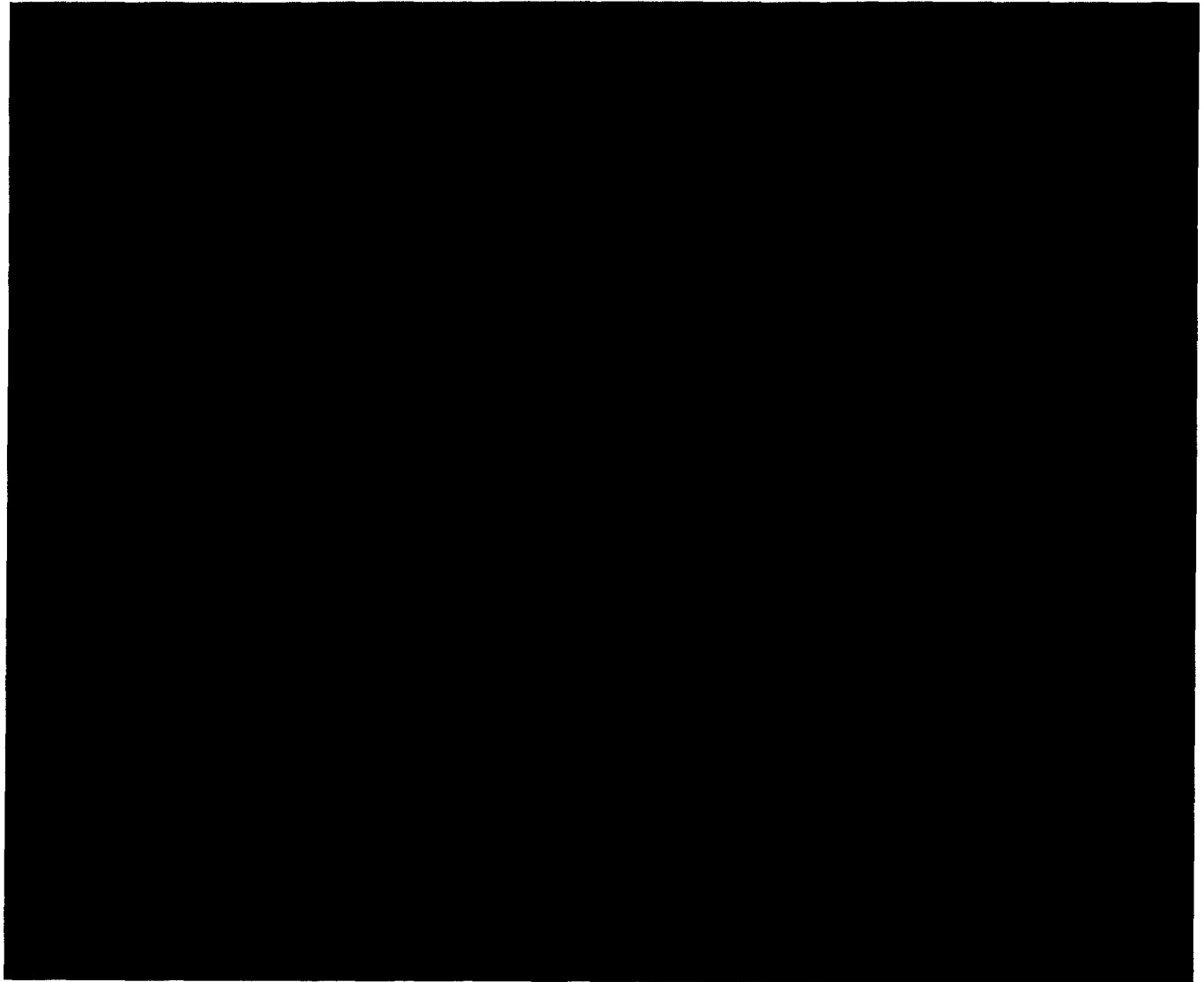
[REDACTED] This system is configured with advanced automatic call distribution and voice messaging.

Each NANPA staff member will have an individual telephone line and a telephone on his/her desk. The system provides for both direct dial access and for receiving calls from an automatic call distributor. Using this telephone system, NANPA staff will be able to transfer calls to and receive calls from any telephone extension within the NANPA.



The NANPA will have a listed, primary hotline number available 24-hours-a-day. The [REDACTED] [REDACTED] has direct inward dial (DID) functionality where staff members are able to answer the hotline directly at their desks. Also, [REDACTED] system has an integrated voice message/mail system, allowing callers to leave voice messages easily. When a caller leaves a message, a light/lamp indicator on the telephone station is illuminated, providing a visual signal that a message has been left. If the phone is being used when a call comes in, an audible tone is sounded to inform the telephone user that a call is waiting. NANPA staff are able to put callers on hold when the need arises.





### **Call Accounting and Management Reports**

The [REDACTED] provides several call accounting and management reports, including:

- **Call Accounting Reports**—System Detail, Summary, and Traffic Reports
- **Call Management Reports**—Events Log Reports Agent Split Summary, Split Summary, Line Group, Line Sub-group.





These reports are used by management staff and supervisors to measure overall NANPA and individual staff member performance as well as to refine operational procedures to provide NANPA users the most responsive support possible.

**Requirement: Provide voice and data capabilities to communicate with the industry concerning NANP administration.**

As previously stated, a listed hotline number and [REDACTED] telephone system are provided to communicate with the industry concerning NANP administration.

**Requirement: Each staff member must have an individual phone number.**

As previously stated, each NANPA staff member [REDACTED] will have an individual phone and phone number.

**Requirement: The phone system must provide the capability to allow a caller to leave a message easily.**

As previously indicated, the [REDACTED] has voice mail, allowing callers to easily leave messages.



[REDACTED]

**Requirement: Must have access to routing and rating databases (e.g., RDBS and BRIDS) and to the information contained in the LERG or an equivalent.**

[REDACTED] NANPA personnel will have access to routing and rating databases (RDBS and BRIDS)

**Requirement: Provide a description of the proposed voice communication and computer facilities to be implemented.**

The voice communication facilities located at the NANPA include [REDACTED] [REDACTED] as described above. A description of our proposed NANPA computer facilities is described in the remainder of this section (9.2).



***Confidential Information Deleted***



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### **9.3 Security Requirements**

As a world-class systems integrator who is responsible for the operation of many national, mission-critical defense systems, Lockheed Martin is well versed in the precautions required to ensure continuous system operation, operational integrity, data integrity, and computer system security.

